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Attorney Docket No. 51473

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Gallagher et al.

U.S.S.N.: 10/661,051

Art Unit: 1765

FILED: September 13, 2003

Examiner: Not Yet Assigned

FOR: AIR GAP FORMATION

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on -

10/27/2004

By: 

Deanna M. Rivernider

**SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Examiner are listed on the PTO-1449 form, attached hereto. The documents were not previously cited.

II. COPIES

Submitted herewith is a legible copy of (i) non-patent literature and each foreign patent or English abstract of a foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

Pursuant to 37 C.F.R. 1.98(a), Applicant is not required to furnish copies of the cited U.S. patents or patent application publications for all U.S. national patent applications filed after June 30, 2003.

III. CONCISE EXPLANATION OF THE RELEVANCE

All of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).

FEES

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)

(check one box)

- a. ☐ within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.
- c. ☒ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$240.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):

(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. ☐ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. . § 1.17(p).
or
- b. ☐ See the certification below. No fee is required.

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby certifies that

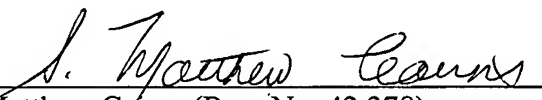
- a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

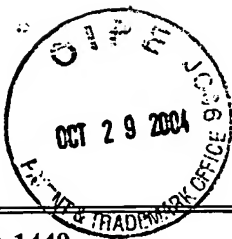
- c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

- ☐ Enclosed please find a check in the amount of \$_____ for the above indicated fee.
- ☐ Please charge Deposit Account No. 04-1105 in the amount of \$180.00 for the above-indicated fee. A triplicate copy of this paper is attached.
- ☒ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition, if necessary) and charge the appropriate fee to Deposit Account No. 04-1105.

Respectfully submitted,


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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY DOCKET NO. 51473		SERIAL NO. 10/661,051	
				APPLICANT(S): Gallagher et al.			
				FILING DATE: 09/13/2003		ART UNIT: 1765	
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPR
	AA	4,987,101	01/22/1991	Kaanta et al.			
	AB	5,103,288	04/07/1992	Sakamoto et al.			
	AC	5,266,126	11/30/1993	Deguchi			
	AD	5,324,683	06/28/1994	Fitch et al.			
	AE	5,461,003	10/24/1995	Havemann et al.			
	AF	5,668,398	09/16/1997	Havemann et al.			
	AG	5,936,295	08/10/1999	Havemann et al.			
	AH	6,071,805	06/06/2000	Liu			
	AI	6,165,890	12/26/2000	Kohl et al.			
	AJ	6,261,942	07/17/2001	Zhou et al.			
	AK	6,316,347	11/13/2001	Chang et al.			
	AL	6,342,722	01/29/2002	Armacost et al.			
	AM	6,380,106	04/30/2002	Lim et al.			
	AN	6,423,629	07/23/2002	Ahn et al.			
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	BA	Kohl et al.; "Air-Gaps for Electrical Interconnections"; Electrochemical and Solid State Letters, 1 (1) pp. 49-51 (1998).					
Examiner:				Date:			